

## ABSTRACT

Valve metal suboxides having a primary suboxide phase and optionally a secondary suboxide phase, a valve metal phase, and/or at least one tertiary suboxide phase can be present in varying amounts. Also disclosed is anodes and capacitors containing the valve metal suboxides of the present invention. Also, a method to prepare a valve metal suboxide is further described which includes granulating one or more of the starting materials individually or together and/or granulating the final product.